

00684.002700.1



*copy*  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

Yasuyuki UNNO

Application No.: 09/523,735

Filed: March 13, 2000

For: PROJECTION OPTICAL SYSTEM AND  
PROJECTION EXPOSURE APPARATUS HAVING  
THE SAME

U.S. Patent No. 6,829,041 B2

Issued: December 7, 2004

)  
:  
) Examiner: P. B. Kim

)  
:  
) Group Art Unit: 2851

)  
:  
) February 16, 2005

)  
:  
)  
:  
)

**Certificate**  
**FEB 23 2005**  
**of Correction**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
**Attention: Certificate of Correction Branch**

REQUEST FOR  
CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323

Sir:

Patentee requests that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes and mistakes of a minor nature which are not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

02/18/2005 AWONDAF2 00000012 6829041

01 FEB 18 11

100.00 0P

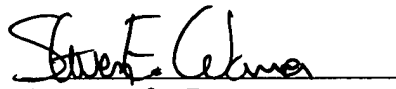
- 1 -

FEB 25 2005

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction. Any additional fee required by this paper may be charged to Deposit Account No. 06-1205. A duplicate of this paper is enclosed for that purpose.

Patentee's undersigned attorney may be reached in our Washington, D.C. Office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

  
Attorney for Patentee  
Steven E. Warner  
Registration No. 33,326

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200  
SEW/eab

DC\_MAIN 193092v1

FEB 25 2005

**Staple  
Here  
Only!**

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,829,041 B2

DATED : December 7, 2004

INVENTOR(S): Yasuyuki UNNO

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 5:

Line 30, "views;" should read -- views --.

COLUMN 7:

Line 59, "a" should be deleted.

COLUMN 9:

Line 22, "Pergam on" should read -- Pergamon --.

Line 34, " $n_1 = 1 / \sqrt{(t / n_1)^{2 + [(1-t)/n_2^2]}}$ " should read --  $n_1 = 1 / \sqrt{(t / n_1^2) + [(1-t) / n_2^2]}$  --.

COLUMN 11:

Line 56, "water" should read -- wafer --.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
(212) 218-2100 - Telephone  
(212) 218-2200 - Facsimile

FORM PTO 1050 (REV. 3.82)

PATENT NO. 6,829,041 B2

No. of add'l. copies  
@ 30¢ per page



FEB 25 2005

Staple  
Here  
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,829,041 B2

DATED : December 7, 2004

INVENTOR(S): Yasuyuki UNNO

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 13:

Line 24, "20C" should read -- 20C and --.

Line 30, " $\rho_r$ " should read --  $\sigma_r$  --.

Line 46, "portion of" should be deleted.

COLUMN 17:

Line 57, "abode," should read -- above, --.

COLUMN 18:

Line 45, "a" should read -- on --.

Line 46, "of micron," should read -- of a micron --.

COLUMN 21:

Line 47, "a" should read -- in a --.

Line 54, "the" should read -- a --.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
(212) 218-2100 - Telephone  
(212) 218-2200 - Facsimile

FORM PTO 1050 (REV. 3.82)

PATENT NO. 6,829,041 B2

No. of add'l. copies  
@ 30¢ per page





00684.002700.1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: )  
Yasuyuki UNNO ) Examiner: P. B. Kim  
Application No.: 09/523,735 ) Group Art Unit: 2851  
Filed: March 13, 2000 )  
For: PROJECTION OPTICAL SYSTEM AND ) February 16, 2005  
PROJECTION EXPOSURE APPARATUS HAVING :  
THE SAME )  
U.S. Patent No. 6,829,041 B2 )  
Issued: December 7, 2004 )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
**Attention: Certificate of Correction Branch**

REQUEST FOR  
CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323

Sir:


Patentee requests that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes and mistakes of a minor nature which are not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

FEB 25 2005

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction. Any additional fee required by this paper may be charged to Deposit Account No. 06-1205. A duplicate of this paper is enclosed for that purpose.

Patentee's undersigned attorney may be reached in our Washington, D.C. Office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

  
Attorney for Patentee  
Steven E. Warner  
Registration No. 33,326

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200  
SEW/eab

DC\_MAIN 193092v1

FEB 25 2005

**Staple  
Here  
Only!**

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,829,041 B2

DATED : December 7, 2004

INVENTOR(S): Yasuyuki UNNO

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 5:

Line 30, "views;" should read -- views --.

COLUMN 7:

Line 59, "a" should be deleted.

COLUMN 9:

Line 22, "Pergam on" should read -- Pergamon --.

Line 34, " $n_1 = 1 / \sqrt{(t / n_1)^{2 + [(1-t)/n_2^2]}}$ " should read --  $n_1 = 1 / \sqrt{(t / n_1^2) + [(1-t) / n_2^2]}$  --.

COLUMN 11:

Line 56, "water" should read -- wafer --.

MAILING ADDRESS OF SENDER:

**FITZPATRICK, CELLA, HARPER & SCINTO**  
30 Rockefeller Plaza  
New York, New York 10112-3801  
(212) 218-2100 - Telephone  
(212) 218-2200 - Facsimile

FORM PTO 1050 (REV. 3.82)

PATENT NO. 6,829,041 B2

No. of add'l. copies  
@ 30¢ per page



**FEB 25 2005**

Staple  
Here  
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,829,041 B2

DATED : December 7, 2004

INVENTOR(S): Yasuyuki UNNO

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 13:

Line 24, "20C" should read -- 20C and --.

Line 30, " $\rho_r$ " should read --  $\sigma_r$  --.

Line 46, "portion of" should be deleted.

COLUMN 17:

Line 57, "abode," should read -- above, --.

COLUMN 18:

Line 45, "a" should read -- on --.

Line 46, "of micron," should read -- of a micron --.

COLUMN 21:

Line 47, "a" should read -- in a --.

Line 54, "the" should read -- a --.

MAILING ADDRESS OF SENDER:

PATENT NO. 6,829,041 B2

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
(212) 218-2100 - Telephone  
(212) 218-2200 - Facsimile

No. of add'l. copies  
@ 30¢ per page

FORM PTO 1050 (REV. 3.82)

